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Information Disclosure

Inventor

09/654,347 Douglas B. Moran

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Statement by Applicant

Filing Date

August 30, 2000

(Use Several Sheets if Necessary)

U.S. Patent Documents

Examiner						Sub-	Filing
Inilia	No.	Patent No.	Date	Patentee	Class	class	Date
	Α	5,621,889	4/15/1997	Lermuzeaux et al.	395	186	6/8/1994
7-10	В	5,757,913	5/26/1998	Bellare et al.	380	23	4/23/1993
	С	5,844,986	12/1/1998	Davis	380	4	9/30/1996
	D	5,778,070	7/7/1998	Mattison	380	25	6/28/1996
	E	5,649,194	7/15/1997	Miller et al.	395	616	6/2/1995
	F	5,574,898	11/12/1996	Leblang et al.	395	601	1/8/1993
	G	5,724,569	3/3/1998	Andres	395	602	6/28/1995
	Н	5,680,585	10/21/1997	Bruell	395	500	3/31/1995
1	I	5,978,791	11/2/1999	Farber et al.	707	2	10/24/1997
10	J	5,638,509	6/10/1997	Dunphy et al.	395	182.18	6/13/1996
110	K						

Foreign Patent or Published Foreign Patent Application

Examiner		Document	Publication	Country or		Sub-	Trans	lation
Initial	No.	No.	Date	Patent Office	Class	class	Yes	No
	L							

Other Documents

Examiner		
Initial/)	No.	Author, Title, Date, Place (e.g. Journal) of Publication
a)191	M,	Rebecca Bace, INTRODUCTION TO INTRUSION DETECTION
100	•	Rebecca Bace, INTRODUCTION TO INTRUSION DETECTION ASSESMENT, no date, for System and Network Security Management
1		Gene H. Kim and Eugene H. Spafford, WRITING, SUPPORTING AND
	,	EVALUATING TRIPWIRE: A PUBLICALLY AVAILABLE SECURITY
		TOOL, March 12, 1994, Purdue Technical Report; Purdue University
	0	Douglas B. Moran et al., DERBI: DIAGNOSIS, EXPLANATION AND RECOVERY FROM BREAK-INS, no date, Artificial Intelligence Center
	r	RECOVERY FROM BREAK-INS, no date, Artificial Intelligence Center
		SRI International
	P	Mabry Tyson, Ph.D., EXPLAINING AND RECOVERING FROM
1 <i>C/O</i>	` `	COMPUTER BREAK-INS, January 12, 2001, SRI International

١	6. 2000 g	and a					
	CANS	100	Q	Aleph One, SMASHING THE STACK FOR FUN AND PROFIT, no date,			
4	ADEMA		•	Volume Seven, Issue Forty-Nine; File 14 of 16 of BugTraq, r00t, and			
١		1	ļ	Underground.Org			
ŀ	1	<u>'</u>	R	Donald C. Latham, DEPARTMENT OF DEFENSE TRUSTED			
١		l		COMPUTER SYSTEM EVALUATION CRITERIA, December 1985,			
-				Department of Defense Standard			
			S	James P. Anderson Co., COMPUTER SECURITY THREAT			
	. 1	Λ	,	MONITORING AND SURVEILLANCE, February 26, 1980, Contract 79F296400			
ľ	N.		T	Teresa F. Hunt et al., A REAL-TIME INTRUSION-DETECTION EXPERT			
	SYSTEM (IDES), February 28, 1992, SRI International Project 6784						
	Examir		eal D	Date Considered /1/29/06			

Examiner. Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08B (08-03) Substitute for form 1449/PTO Complete if Known Application No.: 09/654,347 Information Disclosure Filing Date August 30, 2000 Statement By Applicant First Named Inventor Douglas B. Moran (Use as many sheets as necessary) Art Unit 2136 Examiner Name Ronald Baum Atty Docket No. RECOP017

U.S. Patent Documents						
Examiner Initials	Cite No.	Document Number Number-Kind Code (Vanue)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	A.	US 6,321,338 B1	11/20/2001	Porras et al.		
7	B.	US 6,484,203 B1	11/19/2002	Porras et al.		
	C.	US 6,704,874 B1	03/09/2004	Porras et al.		
1.	D.	US 6,708,212 B2	03/16/2004	Porras et al.		
018	E.	US 6,711,615 B2	03/23/2004	Porras et al.		

	FOREIGN PATENT DOCUMENTS						
Examiner Initials		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	No.	Country Code-Number-Kind Code (If known)		Applicant of Cited Document			
			-				
				,			

NON PATENT LITERATURE DOCUMENTS Examine Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Initials title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published ROBERT DURST, TERRENCE CHAMPION, BRIAN WITTEN. ERIC MILLER, and LUIGI SPAGNUOLO, Testing and evaluating computer intrusion detection systems. July 1999 Communications of the ACM, at http://www.acm.org/pubs/contents/journals/cacm/1999-42-7/p53-durst/p53-G. ANDREW H. GROSS, Analysing Computer Intrusions, Ph.D. thesis, Electrical and Computer Engineering (Communication Theory and Systems), San Diego Supercomputer Center, University of California, San Diego, 1997. ROBERT W. BALDWIN, Rule-Based Analysis of Computer Security. Massachusetts Institute of Technology, June 1987. DAN ZERKLE AND KARL LEVITT, NetKuang - A Multi-Host Configuration Vulnerability Checker, Proceedings of the Sixth USENIX Security Symposium, San Jose, CA, July 1996. DAN FARMER AND EUGENE H. SPAFFORD; The COPS Security Checker System, Proceedings of the Summer 1990 USENIX Conference, Anaheim, CA: pp. 165-170. June 1990; Coast TR 94-01; Jun 1990. http://www.cerias.purdue.edu/homes/spaf/tech-reps/993.ps INTERNET SECURITY SYSTEMS; Comparison between Internet Security Scanner (ISS) 1.x and Internet Scanner 3.2, 1996. http://www.iss.net INTERNET SECURITY SYSTEMS; Technical Specifications for Internet Scanner Version 3.0. [This document is undated – it is believed to be 1996 or earlier based on Item F which is version 3.2 of this document.]

Sub	stitute for for	rm 1449/PTO		-	\overline{c}	Complete if Known		
#					Application No.:	09/654,347		
In	format	ion Disclosu	ıre		Filing Date	August 30, 2000		
St	Statement By Applicant				First Named Inventor	Douglas B. Moran		
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					Examiner Name	Ronald Baum		
She	eet 2		of	2	Atty Docket No.	RECOP017		

<u> </u>	T	CAN GUEVA A PROPERTY OF A CAN DAY A VERY A CONTRACT A GOVERNO					
Ma	<u>Д</u> м.	SAMUEL J. LEFFLER, MARSHALL KIRK MCKUSICK, MICHAEL J.					
$\perp PI$	个	KAARELS, and JOHN S. QUARTERMAN, The Design and Implementation					
1 1/10	1	of the 4.3 BSD UNIX Operating System, Addison-Wesley, 1989 Chapter 7 "The					
		Filesystem".					
	N.	PHILLIP A. PORRAS and PETER G. NEUMANN, EMERALD: Event					
		Monitoring Enabling Responses to Anomalous Live Disturbances, 1997					
L l_		National Information Systems Security Conference.					
1	0.	LAWRENCE HALME, TERESA LUNT, and J. VAN HORNE, Automated					
	İ	Analysis of Computer System Audit Trails for Security Purposes. Proceedings					
		of the National Computer Security Conference, Washington, D.C., 1986.					
	P.	TERESA LUNT, Automated Audit Trail Analysis and Intrusion Detection: A					
		Survey. Proceedings of the Eleventh National Computer Security Conference,					
		Washington, D.C., October, 1988.					
	Q.	TERESA F. LUNT, ANN TAMARU, FRED GILHAM, R. JAGANNATHAN,					
		PETER G. NEUMANN, CAVEH JALALI, IDES: A Progress Report.					
1 1		Proceedings of the Sixth Annual Computer Security Applications Conference,					
		Tucson, AZ, December 1990.					
	R.	DAVID R. SAFFORD, DOUGLAS LEE SCHALES and DAVID K. HESS,					
		The TAMU Security Package: An ongoing Response to Internet Intruders in an					
		Academic Environment. Proceedings of the Fourth USENIX Security					
		Symposium, October 1993, Santa Clara, CA.					
	S.	KAREN L. MYERS, A procedural knowledge approach to task-level control,					
1 1	1	in Proceedings of the Third International Conference on AI Planning Systems,					
1		AAAI Press, 1996.					
	T.	MICHAEL P. GEORGEFF, FRANCOIS FELIX INGRAND, Real-Time					
1 /		Reasoning: The Monitoring and Control of Spacecraft Systems, in Proceedings					
1 /		of the Sixth IEEE Conference on Artificial Intelligence Applications, 1990.					
	U.	MICHAEL P. GEORGEFF, FRANCOIS FELIX INGRAND, Decision-Making					
1 /	1	in an Embedded Reasoning System, in Proceedings of IJCAI89, Detroit, MI,					
		1989.					
	V.	MICHAEL P. GEORGEFF, AMY L. LANSKY, Reactive reasoning and					
LL.	L	planning: an experiment with a mobile robot, in Proceedings of AAAI87, 1987.					
	W.	MICHAEL P. GEORGEFF, AMY L. LANSKY, Procedural Knowledge, in					
	1	Proceedings of the IEEE Special Issue on Knowledge Representation,					
En _		Volume 74, pages 1383-1398, 1986.					
1/4	X.	MICHAEL P. GEORGEFF, AMY L. LANSKY, A Procedural Logic, in					
		Proceedings of IJCAI85, Los Angeles, CA, 1985.					
							

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T² = Applicant is to place a check mark here if English tanguage Translation is attached